

FIG. 1

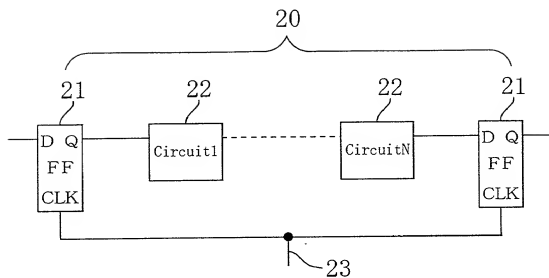


FIG. 2

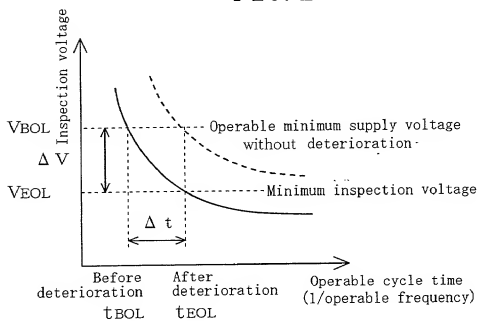


FIG. 3

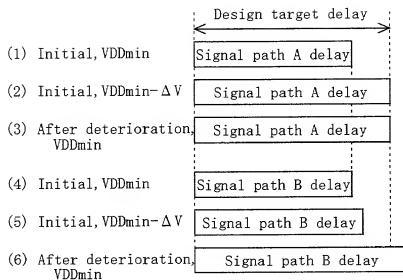


FIG. 4

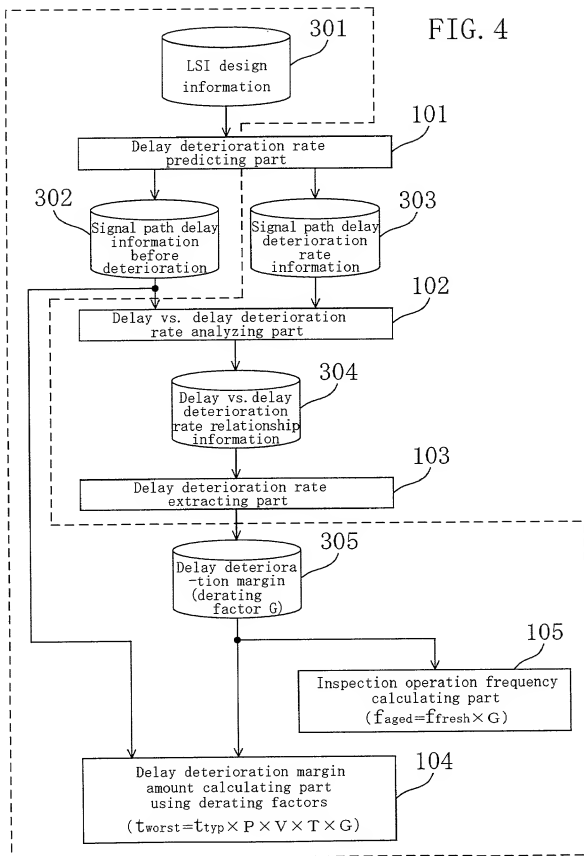
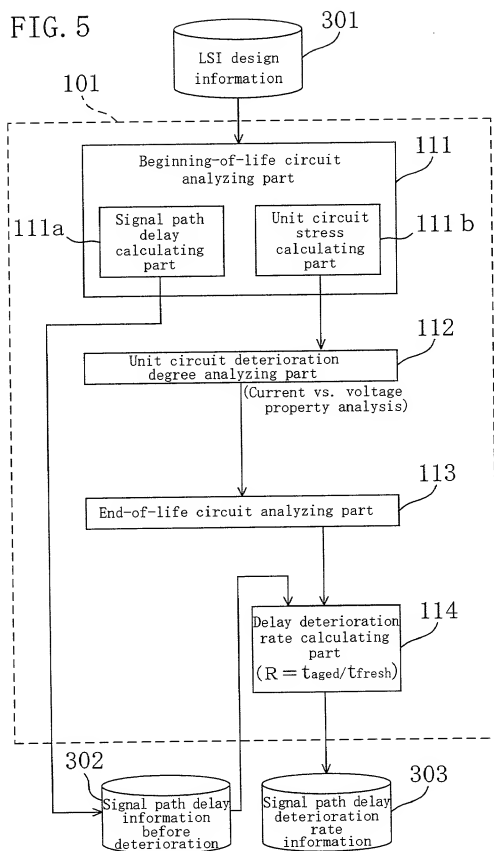


FIG. 5



09810518.082201

FIG. 6

Signal path	Signal path delay before deterioration $t_{\text{fresh}}(\text{ns})$ (Signal path delay information before deterioration 302/	Signal path delay after deterioration $t_{\text{aged}}(\text{ns})$	Signal path delay deterioration rate $R = t_{\text{aged}}/t_{\text{fresh}}$ (Signal path delay deterioration rate information 303/
Path 1	3.0	3.036	1.012
Path 2	4.7	4.771	1.015
$\vdots$	$\vdots$	$\vdots$	$\vdots$
Path M	0.3	3.090	1.030

FIG. 7

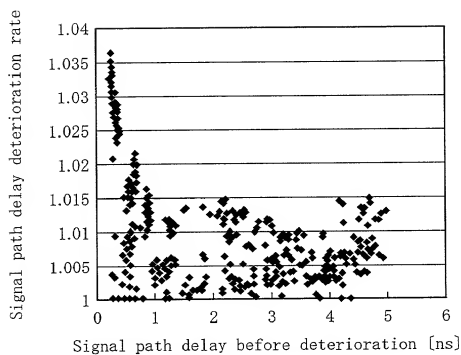


FIG. 8

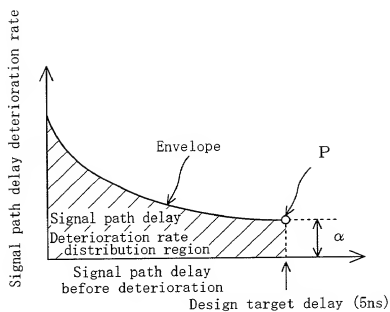


FIG. 9

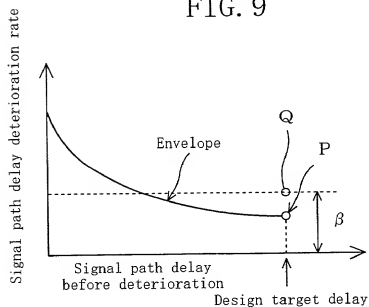


FIG. 10

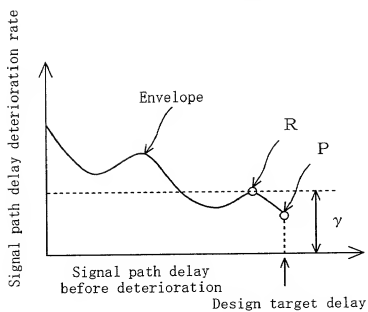


FIG. 11

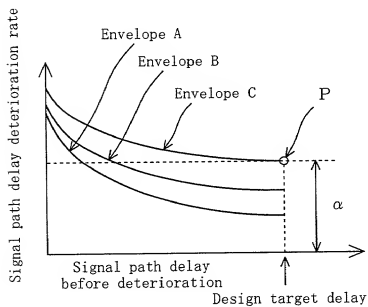
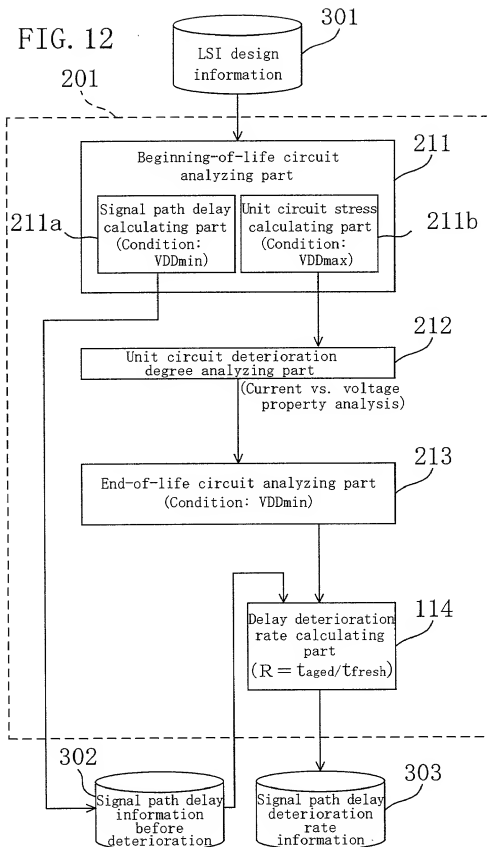




FIG. 12



09810518.03201

FIG. 13

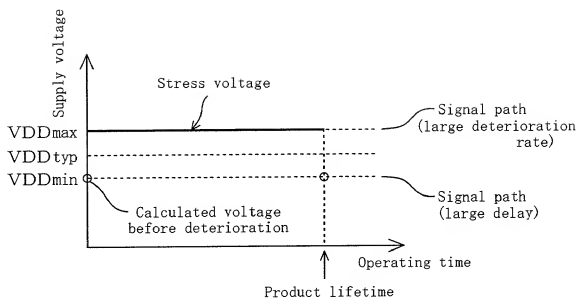


FIG. 14

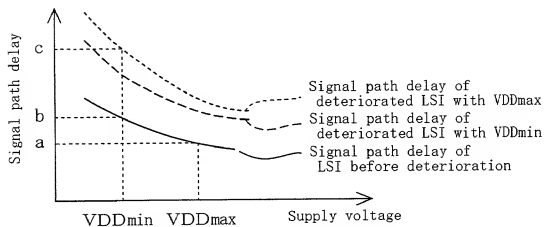


FIG. 15

